A.D. 1784 . . . . . N° 1454.

SPECIFICATION

OF

NATHANIEL JAMES.

TRUSSES.

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JAMES' SPECIFICATION.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, NATHANIEL JAMES, of the City of Bristol, Sadler and Truss Maker, send greeting.

WHEREAS His most Excellent Majesty King George the Third, by His Letters Patent under the Great Seal of Great Britain, bearing date the Fifteenth day of November, in the twenty-fifth year of His reign, did give unto me, the said Nathaniel James, His special licence that I, the said Nathaniel James, during the term of years therein expressed, should and lawfully might make, use, exercise, and vend, within England, Wales, and Town of Berwick-upon-Tweed, and within all His Majesty's Dominions and Plantations abroad, my Invention of "SPRING TRUSSES FOR RUPTURES ON A NEW CONSTRUCTION, BOTH SIMPLE, DOUBLE, NAVEL, SIDE, AND INGUINAL;" in which said Letters Patent is contained a proviso obliging me, the said Nathaniel James, under my hand and seal, to cause a particular description of the nature of my said Invention, and how the same is to be performed, to be inrolled in His Majesty's High Court of Chancery within four calendar months next after the date of the said recited Letters Patent, as in and by the same (relation being thereunto had) may more fully and at large appear.

NOW KNOW YE, that in compliance with the said proviso, I, the said Nathaniel James, do hereby declare that my said Invention of Spring Trusses

for Ruptures, both Single, Double, Navel, Side, and Inguinal, is described in the manner following (that is to say):—

The single truss has two plates. The inside plate plays on double-joint hinges, and betwixt that and the outside plate is a spring placed and rivetted to the outside plate, which always keeps the pressure more or less, as the patient requires. The outside plate may be three inches one eighth long, and two inches and an half wide at the upper part, and gradually decline to one inch five eighths at the lower studd, or larger or smaller in proportion, upon the same construction, as the case may require. It has two studds and two staples, and an wire round the bulbous or lower part, with a waste bandage and thigh strap, and the trusses are properly padded and covered with leather, silk, or satin, as most agreeable.

The double truss has four plates, with two springs placed between the plates. The inside plates play on double-joint hinges, and betwixt the outside and inside plates the springs play, and are rivetted to the outside plate, and a spring rivetted to both compressures at a proper distance, as the cause requires, and is from seven inches wide to two inches and an half, or of such other size on the same construction in proportion as the case requires. The outside plates have four studds and two staples, with two wires round the bottom part, and it has a waste bandage and two thigh straps of linnen, woollen, silk, or sattin, as most agreeable.

The navel truss is composed of two plates, the inside less than the outside, and plays on four springs, which are rivetted to the outside plate, and which springs play between both plates. There is a pivett which is fixed in the center, and which plays in a hollow tube, with a stop shoulder at the bottom, so that the head of the pivett checks the plate from moving off the springs; and has also four studds of brass in the outside plate, and its form is round, oval, oblong, sextagon, octagon, or any other form required, and it may be made of any size, according as it may be wanted. It bandages as the patient pleases.

The side truss is composed of two plates of an oval form, and plays on four springs, having a pivett fastened to the outside plate, which plays in a hollow tube, with a stop shoulder to the bottom of the tube, so that the head of the pivett checks the plate from moving off the spring. It has four brass studds, and the length and width as the cause requires.

The inguinal truss has two plates, and contains one spring. The inside plate plays on double-joint hinges. The outside plate has two studds, two staples, and a wire round the bulbous or bottom part, and is three inches five eighths long and two inches wide on the top, and decreases to one

inch at the bottom; or it may be larger or smaller in proportion, as the case requires.

In witness whereof, I, the said Nathaniel James, have hereunto set my hand and seal, this Eighteenth day of November, One thousand seven hundred and eighty-four.

NATH^L JAMES. (L.S.)

AND BE IT REMEMBRED, that on the Eighteenth day of November, in the year above mentioned, the said Nathaniel James came before our said Lord the King in His Chancery, and acknowledged the Specification aforesaid, and all and every thing herein contained and specified, in form above mentioned. And also the Specification aforesaid was stampt according to the tenor of the Statute made in the sixth year of the reign of their Majesties King William and Queen Mary of England, and so forth.

JOHN WILMOT.

Inrolled the Twenty-seventh day of November, in the year above written.

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Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
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